

**PRODUCTION OF MOLDING PRODUCT WITH HYDROPHILIC SURFACE**

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**Abstract of JP10053658**

**PROBLEM TO BE SOLVED:** To provide a method for producing a molding product with a hydrophilic surface having sufficient hydrophilic and durable surface without lowering properties according to the impartment of the hydrophilicity and useful as a separating membrane, etc., by avoiding the introduction of a hydrophilic group into the interior of the molding product.

**SOLUTION:** This method for producing a molding product with a hydrophilic surface comprises molding (A) a photopolymerizable resin composition consisting essentially of (i) a monomer and/or an oligomer polymerizable by an active ray and (ii) an initiator of photopolymerization and irradiating the active ray in the state in which the uncured molded material is brought into contact with (B) (iii) a material for forming a hydrophilic layer comprising a hydrophilic monomer and/or a hydrophilic oligomer without containing the component (ii) to cure the uncured molded material and to copolymerize a part of the component (i) and a part of the component (iii) at the interface of the uncured material and the component B. Further, the component (i) can be polymerized by the active ray regardless of the presence or absence of the polymerization initiator and the component (iii) can be polymerized by the used active ray in the presence of the polymerization initiator but cannot be polymerized by the active ray in the absence of the polymerization initiator in the method for producing a molding product with a hydrophilic surface.

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